

IN THE SPECIFICATION:

Page 1, lines 15-20, amend as follows:

31 The device of the present invention is applied to carry out the extraction and sampling of an aqueous substrate solution in, for example, soils with different [:] edaphic profiles or substratum, called soil solution; land drainage; artificial inorganic substrata, saturated or unsaturated; and artificial organic substrata, saturated or unsaturated.

Page 1, line 23 to Page 2, line 3, amend as follows:

32 Among others, the following specific agricultural applications can be mentioned: studies of the composition of different chemical forms, evolution and degradation of organic compounds (chelates) and inorganic compounds in their different chemical forms. Also, the present invention is usable to discover the evolution and availability of fertilizing nutrients in general, over the whole soil profile.

Page 3, lines 7-11, amend as follows:

33 The device designated generally by numeral 1 is constituted by a probe generally designated by numerical 2 formed by a pyrometric capsule 3 of porous porcelain, having a decreased section 4 in the end area, to which is attached the end of a ~~tube~~ pipe 5 of known inert material, such as P.V.C., polyethylene, etc.